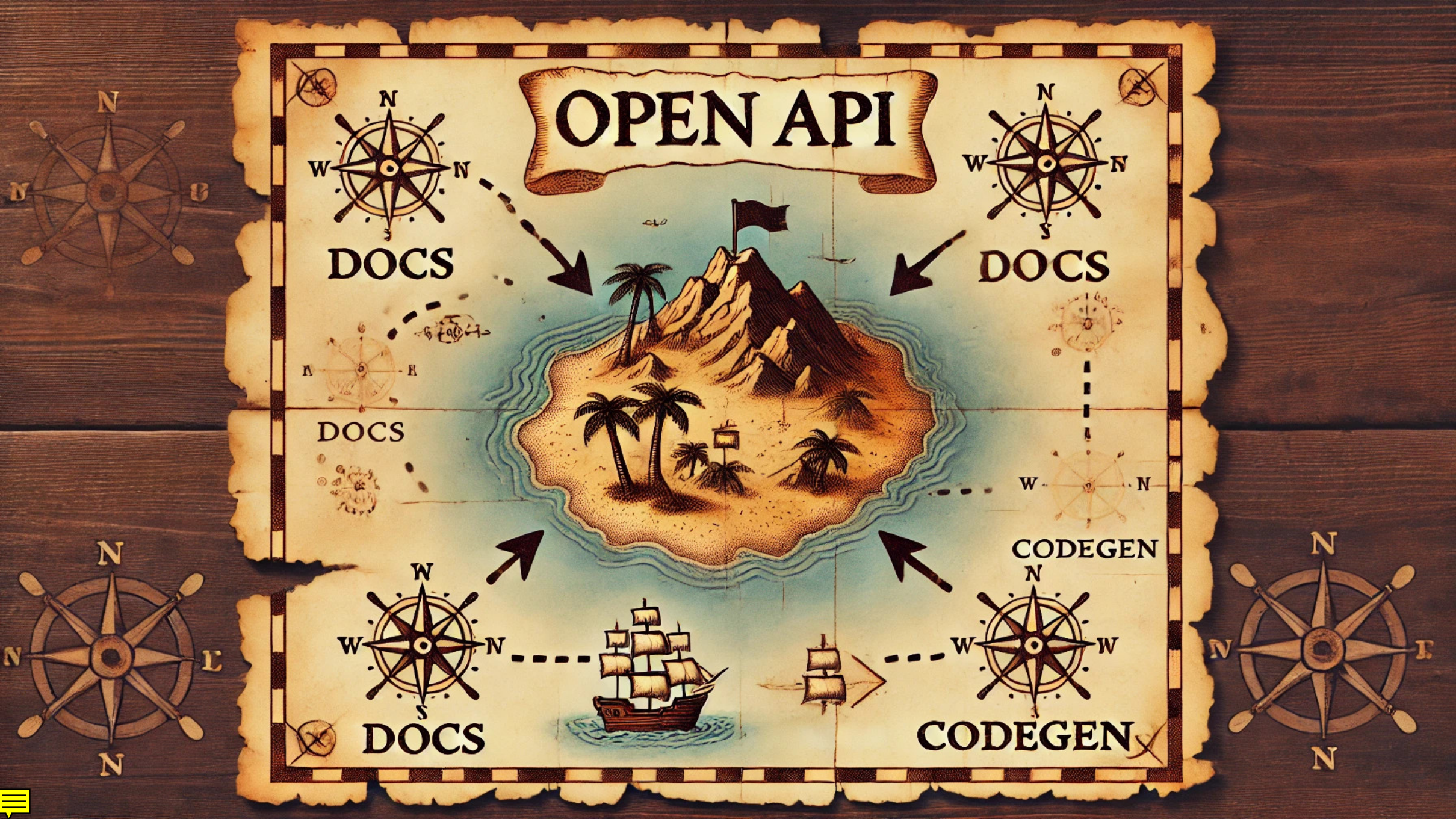
API Description Pipelines

Lorna Mitchell, Redocly

@redocly ~ @lornajane ~ @lornajane@indieweb.social


OPEN API
DOCS
DOCS
DOCS
CODEGEN
DOCS
CODEGEN

Every API is different

Standard processes never quite fit.

Gather Inputs

- Fetch/Generate OpenAPI descriptions
- If differing standards apply, lint now

Combine and Enrich

- Combine API descriptions
- Add summaries, descriptions, documentation
- Add examples, really good ones

- Overlays or Redocly Decorators for repeatable edits

Run Checks

- Check description meets expected standards
- Run API tests against mock servers (Arazzo describes flows)

… the tide turns …

Plan Destinations

- Docs: internal, external, partner
- API gateways
- SDK Generation
- … other downstream tools

Filter

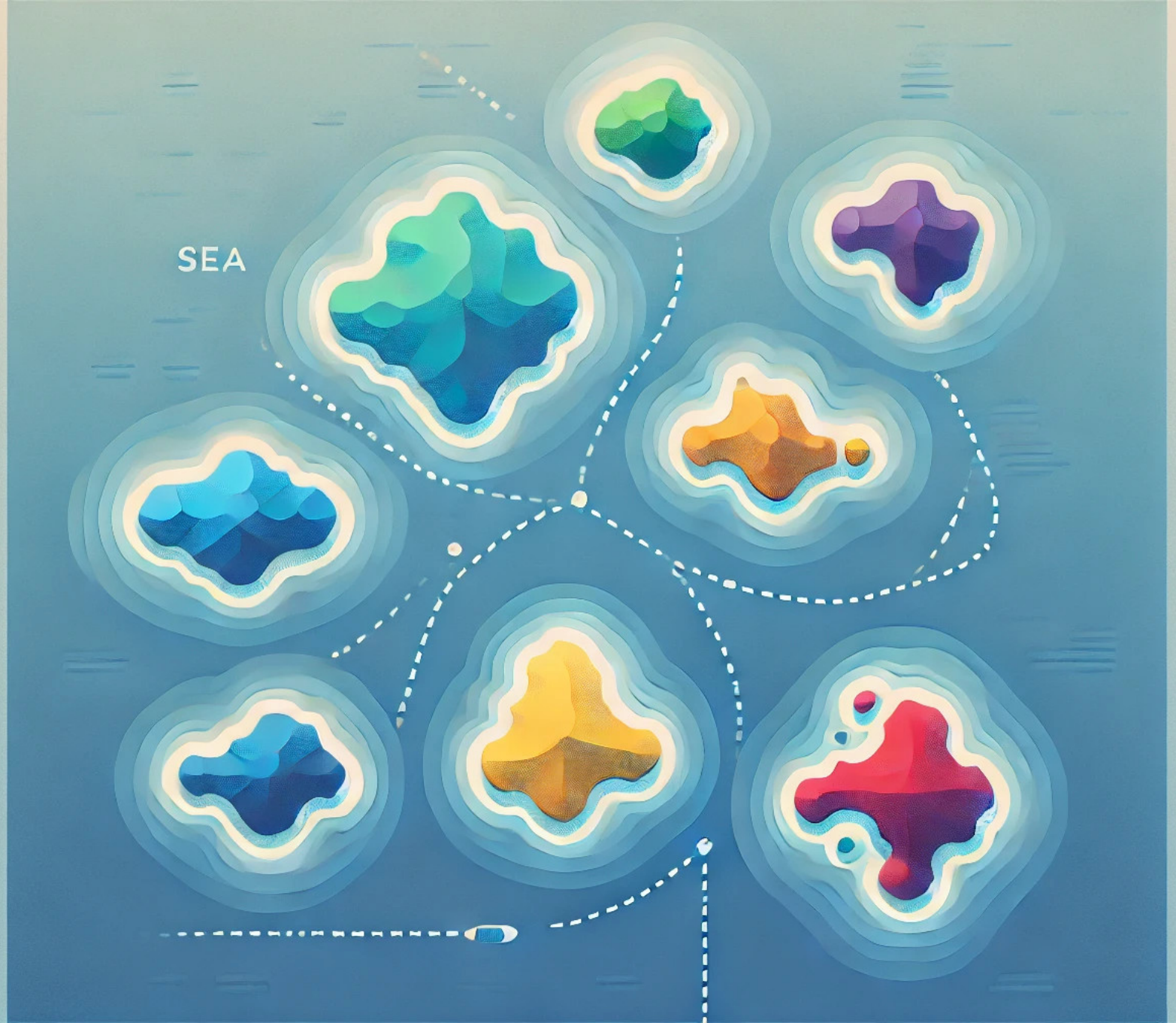
- Subset of API for one audience
- Filter private endpoints out
- Split up for easier publishing/sharing

Enhance

- Replace summary/descriptions for translated docs output
- Hint to AI tools on costs
- Add metadata for downstream tools to use

Bundle

Some tools require a single file as input


SEA
N

Resources

- https://lornajane.net
- https://redocly.com
- https://openapis.org